Summary Brochure

μ-COMP DDP-516 General Purpose I/C Digital Computer

Honeywell

COMPUTER CONTROL DIVISION

Commands include 3-way compare, increment memory and skip, interchange memory and accumulator
Powerful set of shift commands; extensive skip-branch conditions
Byte manipulation commands
Operates on normal housepower within 0° to 45°C temperature ranges
Dimensions: 24" x 24" x 38"; weight: 250 lbs.
Simplified operator control; comprehensive data display
Requires no air conditioning, sub-flooring, or other special installations

INPUT/OUTPUT

Designed for real-time systems interface
Individually buffered I/O devices
Flexible priority scheme with program settable masks
Two cycle I/O commands select device, test status, and transfer data
No I/O hold-off
Available with either ASR-33 or ASR-35 I/O teletype units
0.96 μsec I/O word transfer

OPTIONS

Memory expandable to 32,768 words; 16,384 in standard cabinet
Memory lockout
Memory parity
Direct multiplex control option for economical time-shared I/O
Direct memory access option for mc I/O rates
Real-time clock
Hardware double-precision capability
5.28 μsec multiply
10.56 μsec divide
Full line of peripheral equipment
Modular plug-in options
Full line of compatible I/C modules and accessories

SOFTWARE

Direct addressing of full memory with desectorizing software
ASA FORTRAN IV
Selectable one- or two-pass assembler
Desectorizing loader permits operator to ignore ordinary hardware restrictions
Fixed and floating point subroutine library
Program compatible with DDP-116 . . .software package field proven in over 100 installations
Active users' group and service support
Complete diagnostic package
Debug program (COP-516)
Real-time monitor

RELIABILITY

Silicon monolithic integrated circuits
Designed for continuous operation in hostile environments
Backed by 12 years' experience in circuit module design and computer/system design
5 mc circuitry/parallel organization permit wide reliability performance margins
Rigid inspection, test and over-all quality assurance programs
MTBF: Over two years under normal 40-hour week operation

Important: when ordering your DDP-516, be sure to schedule your personnel to attend, at no charge, 3C's one-week programming and two-week maintenance courses.

DDP-516 is ideal in real-time on-line systems applications. Quick response to external conditions, ability to process several inputs and outputs simultaneously, and service I/O requests in order of priority without hold conditions add up to unprecedented efficiency in a low cost computer.

Complete documentation and specification information is available for your evaluation. Simply return this card.

Tell me more about the NEW 16-BIT I/C COMPUTER . . . μ-COMP DDP-516

☐ Send me your complete DDP-516 catalog which contains detailed documentation and specifications.

☐ Have your computer expert call me for an appointment.

Name_____ Title_____

Company_____

Address_____

City_____ State_____ Zip_____

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Please . . . what application do you have in mind for the DDP-516?

_____

_____

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COMPUTER CONTROL DIVISION

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